LABDEX

T-type Freeze Dryer LX2201TFD

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Description

T-type Freeze Dryer LX2201TFD is a compact table-top unit with 3 to 4 kg condenser capacity and condenser temperature options of - 80°C for specimen’s containing solvents. Condenser made of stainless steel 304 with anti-corrosion. The T-type manifold accommodates 24 ampoules via the rubber adaptors. Transparent drying chamber helps in visualization of drying process. It has big opening condenser with external coiling tubes facilitates pre-freezing function. Designed with color LCD touch screen displays running time, display sample temperature, condenser temperature, vacuum degree, and save data automatically.

Specifications

Condenser temperature	-80°C
Condenser capacity	3 to 4 kg / 24 h
Number of sealed valves	24 pieces for 24 ampoules
T-type shelf	430 x 480 mm
Condenser size	Φ 215 mm, 140 mm deep
Cooling	Air cooling
Ambient temperature	≤25°C
Defrosting	Off cycle defrosting
Vacuum pump flow rate	7.2m3 / h; 2L/S
Vacuum	< 10 PA
Power	1400 W
Voltage	220V/50 Hz; 110V/60Hz; 120V/ 60Hz
Dimensions	850 x 680 x (400 + 430) mm

Weight	140 kgs

Features

- Condenser temperature -80°C
- Color LCD touch screen display, display of sample temperature, vacuum curve degree, cold trap temperature curve
- Acrylic drying Chamber is safe and easy to view sample status
- High pumping speed vacuum pump
- Pre-freezing function
- Anti-corrosive stainless steel air inlet valve
- USB port to output freeze drying data

Applications

- It is use for preserving a wide variety of heat-sensitive materials such as proteins, microbes, pharmaceuticals, tissues & plasma.

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